

Application No. 09/830,582
Amendment dated January 27, 2004
Reply to Office Action of October 28, 2003

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended): A method of applying a paste on a paste-applied body, comprising the steps of:

forming a two-dimensional paste pattern on a first joining surface of the paste-applied body with a drawn paste line, said two-dimensional pattern including a plurality of radially arranged segment lines; and

placing on the paste pattern a second joining surface of a chip member to be bonded,

wherein at least one segment line is formed of two drawn lines, and

wherein no bubbles are left in the first and second joining surfaces when the first and second joining surfaces are bonded to each other.

2. (Currently Amended): A paste pattern forming method according to Claim 1, wherein said paste line is drawn by using a the nozzle, the paste, a paste reserving container, and paste supply means.

3. (Previously Presented): A paste pattern forming method according to Claim 2, wherein said paste is continuously discharged from said nozzle while the paste line is being drawn.

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4. (Currently Amended): A paste pattern forming method according to ~~claim~~ Claim 2, wherein the paste line is drawn while moving any of said paste-applied body, said nozzle and said paste.

5. (Currently Amended): A paste pattern forming method according to ~~claim~~ Claim 1 or 2, wherein said paste-applied body is a lead frame, and said paste is an adhesive for die bonding.

6. (Canceled)

7. (Currently Amended): A paste pattern forming method according to ~~Claim 6~~ Claim 1, wherein said pattern is a figure in a radial form.

8. (Canceled)

9. (Currently Amended): A paste pattern forming method according to ~~claim 6~~ Claim 1, wherein at least one segment line is formed of two drawn lines.

10. (Previously Presented): A paste pattern forming method according to Claim 9, wherein at least one segment line is formed while moving any of said paste-applied body, said nozzle and said paste traveling in two paths, of which a first path is in one direction and a second path is in the opposite direction tracing the first path.

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11. (Currently Amended): A paste pattern forming method according to ~~claim~~ Claim 10, wherein ~~said two-dimensional paste~~ pattern is formed starting and ending on the same point of said segment line.

12. (Currently Amended): A paste pattern forming method according to ~~claim~~ Claim 1 or 2, wherein said drawing pattern is formed such that the start and end points of drawn lines are positioned other than the ends of said drawing pattern.

13. (Canceled)

14. (Currently Amended): A method of uniformly applying a paste, comprising the steps of:

forming a radial pattern of a paste line on a first surface of a paste-applied body; and placing on the paste pattern a member with a second surface, thereby sandwiching the paste pattern with the first surface and the second surface,

wherein at least one segment line is formed of two drawn lines,
wherein said pattern is open in ~~entire~~ all radial ~~direction~~ directions, and
wherein the paste is spread over the entire area between the first surface and the second surface leaving no bubbles in the paste.